WuXi AppTec Genetic Toxicology Services

For Inquiries:
Tel: +86 (512) 6603 5409
Fax: +86 (512) 6598 1002
Email: CS@wuxiapptec.com

药明康德 WuXi AppTec

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

WX LISTED NYSE

The Genetic Toxicology Laboratory at WuXi AppTec (Suzhou) provides GLP genotoxicity assays in support of regulatory filing as well as genotoxicity screening assays for safety lead optimization.

The Genetic Toxicology Laboratory at WuXi AppTec (Suzhou) received a statement of GLP compliance from an OECD member country and is GLP certified by China's SFDA.

Non-GLP Genotoxicity Screening Assays

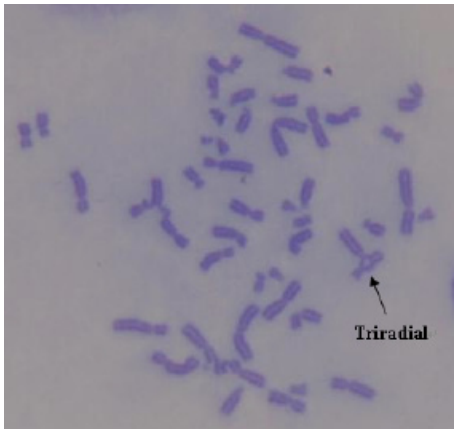
- Mini-Ames Assay
- *In Vitro* Micronucleus Assay

GLP or non-GLP Genotoxicity Assays

- Ames Assay
- *In Vitro* Chromosome Aberration Assay (CHO-WBL cell or Human Lymphocyte)
- *In Vivo* Micronucleus Assay (Mouse or Rat), Integrated or acute
- *In Vitro* Micronucleus Assays (CHO-WBL cell, TK6 and Human Lymphocyte)
- MLA assay (Mouse lymphoma L5178Y cell)

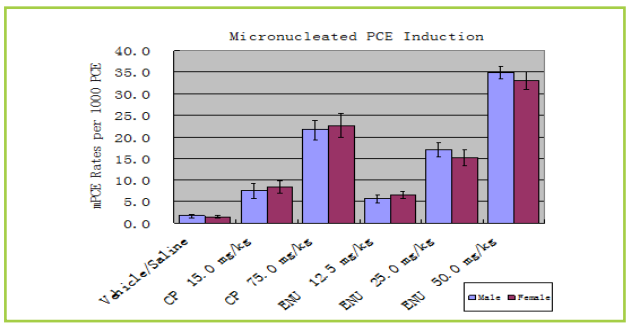
GLP or non-GLP Cytotoxicity Assays for Biocompatibility

- MEM Elution
- MTT Assay



Chromosome Aberration in Human Lymphocyte

A metaphase spread prepared by Giemsa staining (non-banded) showing various types of aberrations (Triradial indicated). This was induced by Mitomycin C at 1.0 μM.



MN-PCE Induction by ENU

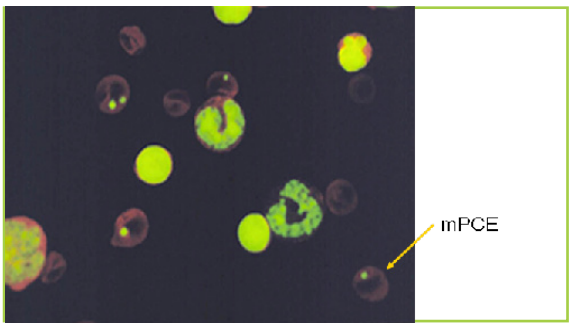


Image of MN-PCE induced by ENU

ICR mice were treated (by single IP dose) with CP (cyclophosphamide) as the positive control and ENU (Ethyl Nitrosourea) as the test article. ENU elicited a statistically significant increase in the frequency of MN-PCE (micronucleated Polychromatic Erythrocyte) over the concurrent vehicle control at all dose levels (ANOVA, $p<0.05$) and a positive dose-response trend was observed at the 24-hour sampling time.

For more information on WuXi AppTec's services please contact:

North America / Europe
+1 (651) 675 2000 • +1 (888) 794 0077
info@wuxiapptec.com

China
+86 (21) 5046 2477
customer_service@wuxiapptec.com

www.wuxiapptec.com